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<p>(21) International Application Number: PCT/US97/13870 (22) International Filing Date: 6 August 1997 (06.08.97) (30) Priority Data: 60/023,942 14 August 1996 (14.08.96) US (71) Applicant (for all designated States except US): WARNER-LAMBERT COMPANY [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): CONNOR, David, Thomas [GB/US]; 2453 Antietam, Ann Arbor, MI 48105 (US). GLASE, Shelly, Ann [US/US]; 4468 Hillside Court, Ann Arbor, MI 48105 (US). PURCHASE, Terri, Stoeber [US/US]; 4961 Ravine Court, Ann Arbor, MI 48105 (US). ROTH, Bruce, David [US/US]; 49255 Hunt Club Court, Plymouth, MI 48170 (US). TRIVEDI, Bharat, Kalidas [IN/US]; 36955 Aldgate Court, Farmington Hills, MI 48335 (US). (74) Agents: RYAN, M., Andrea; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al.</p>		<p>(81) Designated States: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, GH, HU, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p><b>Published</b> With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</p>
<p>(54) Title: 2-PHENYL BENZIMIDAZOLE DERIVATIVES AS MCP-1 ANTAGONISTS</p> <div style="text-align: center;"> <p>(I)</p> </div> <p>(57) Abstract</p> <p>Benzimidazole derivatives of formula (I) or a pharmaceutically acceptable salt thereof are MCP-1 antagonists and are thus useful in the treatment of inflammation, atherosclerosis, restenosis, and immune disorders such as arthritis and transplant rejection wherein A is N or CH; where W, X, Y and Z can be independently C-R<sub>2</sub>, C-R<sub>3</sub>, C-R<sub>4</sub>, C-R<sub>5</sub>, or N; no more than two of W, X, Y and Z can be N in any one structure, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> can be independently H, C<sub>1-20</sub> alkyl, halogen, nitro, -SO<sub>2</sub>NR<sub>8</sub>R<sub>9</sub>, alkoxy of from 1-4 carbon atoms; -S(O)<sub>p</sub>R where p is an integer from 0 to 2; -(CH<sub>2</sub>)<sub>m</sub>OR, -(CH<sub>2</sub>)<sub>m</sub>COOR, -(CH<sub>2</sub>)<sub>m</sub>NR<sub>8</sub>R<sub>9</sub>, -(CH<sub>2</sub>)<sub>m</sub>CONR<sub>8</sub>R<sub>9</sub>, -(CH<sub>2</sub>)<sub>m</sub>COR, or -CF<sub>3</sub>; m is an integer of from 0 to 4, R is hydrogen, lower alkyl of from 1-4 carbon atoms, aryl of from 6-10 carbon atoms, or benzyl; R<sub>1</sub> can be H, lower alkyl of from 1-4 carbon atoms, or -(CH<sub>2</sub>)<sub>m</sub>-Ph; R<sub>6</sub> is alkyl of from 1-6 carbon atoms or R<sub>7</sub>; R<sub>7</sub> is (CH<sub>2</sub>)<sub>n</sub>NR<sub>10</sub>R<sub>11</sub>; n is an integer from 2 to 6; R<sub>8</sub> and R<sub>9</sub> can be independently hydrogen, lower alkyl of from 1-4 carbon atoms, or can be taken together to form a ring of from 3-8 atoms having up to one additional heteroatom as O, S, SO<sub>2</sub>, or N-R<sub>12</sub>; R<sub>10</sub> and R<sub>11</sub> can independently be lower alkyl, -(CH<sub>2</sub>)<sub>m</sub>Ph, unsubstituted or substituted with up to three R<sub>2</sub> substituents, or R<sub>10</sub> and R<sub>11</sub> can be taken together to form a ring of from 3-8 atoms which may contain oxygen or NR<sub>12</sub>; R<sub>12</sub> is hydrogen, lower alkyl, -(CH<sub>2</sub>)<sub>t</sub>Ph, where Ph is phenyl unsubstituted or substituted with up to three R<sub>2</sub> substituents; t is an integer of from 0 to 2.</p>		